BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

6

Executive Engineeer
Byatarayanapura Division
Bruhat Bengaluru Mahanagara Palike

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of Work: Renovation of Byatarayanapura Joint Commissioner Officer 1st floor Bank Portion Building in ward No. 08, in Kodigehalli Sub Division.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	265.09	Dismantling tile work in floors and roofs laid in cement mortar includ ing stacking material to the appropriate disposal area as per direction of Engineer-in-charge.. complete For thickness of tiles above 25 mm and up to 40 mm	Sqm	97.01	Rupees Ninety Seven and One Paise Only
2	11.60	Providing 18 mm cement plaster in two coats under layer 12 mm thick cement plaster with cement mortar 1:5 (1 cement : 5 coarse sand) and a top layer 6 mm thick cement plaster with cement mortar 1:3 (1 cement: 3 coarse sand) finished rough with sponge to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.	Sqm	504.73	Rupees Five Hundred Four and Seventy Three Paise Only
3	313.74	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.	Sqm	131.10	Rupees One Hundred Thirty One and Ten Paise Only
4	648.83	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade :Two coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	218.93	Rupees Two Hundred Eighteen and Ninety Three Paise Only
5	1989.42	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate sections and other sections of approved make conforming to IS: 733 and IS:1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :For Fixed Portion: Powder coated aluminium (minimum thickness of powder coating 50 micron) including cost of materials, labour, usage charges of machinery complete as per specifications.	Kgs	641.07	Rupees Six Hundred Forty One and Seven Paise Only

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Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
6	1.00	Fixing of door frame in an existing opening including embedding frame in floor and walls after cutting masonry for holdfasts for embedding holdfast in cement concrete 1:3:6 of 20mm and down size granite metal painting two coats of coal tar to sides of frame, making good the damages to walls and floor as required and disposal of the debris with lead upto 50 m. including cost of materials, labour charges, complete as per specifications.	Nos	1331.96	Rupees One Thousand Three Hundred Thirty One and Ninety Six Paise Only
7	0.05	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.	Cum	181012.25	Rupees One Hundred Eighty One Thousand Twelve and Twenty Five Paise Only
8	2.52	Providing and fixing flush door shutter made out of solid core block board type, well seasoned, chemicaly treated hard wood battens and internal frame with minimum 45 mm wide wooden frame alround door shutters covered with cross bonded wooden sheets (core veneer) hot pressed and fastened on both sides of the door useing liquid phenol formaldehyde resin as per IS specifications 2202 (part-I) 1991. from manufacturer complete as per spcification. - 40mm thick both side teak	Sqm	6502.46	Rupees Six Thousand Five Hundred Two and Forty Six Paise Only
9	264.41	Providing and laying Vitrified tiles with thickness 9-10 mm in different sizes with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete. Size of Tile 600x600 mm	Sqm	1540.40	Rupees One Thousand Five Hundred Forty and Forty Paise Only
10	3.48	Providing and fixing 10 mm thick acid and/or alkali resistant tiles of approved make and colour using acid and/or alkali resisting mortar bedding for Bathrooms: Toilet: Chemically exposed areas and joints filled with acid and/or alkali resisting cement as per IS : 4457, complete as per the direction of Engineer-in- Charge. In flooring on a bed of 10 mm thick mortar 1:4 (1 acid proof cement : 4 coarse sand) with Acid and alkali resistant tile	Sqm	1633.48	Rupees One Thousand Six Hundred Thirty Three and Forty Eight Paise Only
11	11.00	Providing skirting, dadooing, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.	Sqm	1899.61	Rupees One Thousand Eight Hundred Ninety Nine and Sixty One Paise Only
12	4.73	Providing and fixing to existing door frames Glass Fibre Reinforced Plastic (FRP) panelled door shutter of required colour and approved brand and manufacture, made with fire - retardant grade unsaturated polyester resin, moulded to 3 mm thick FRP laminate for forming hollow rails and styles, with wooden frame and suitable blocks of seasoned wood inside at required places for fixing of fittings, cast monolithically with 5 mm thick FRP laminate for panels conforming to IS: 14856, including fixing to frames.	Sqm	4200.38	Rupees Four Thousand Two Hundred and Thirty Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
13	43.74	Providing & fixing of 3-track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL 9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 108mm width x 45mmheight with reinforcement of 1mm thickness and Sash with overall size of 39mm x 75mm with GI reinforcement of 2mm and mesh sash of size 37mm x 58mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 6mm plain float glass, standard hardware& Multi point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 2419mm x 2200mm. (The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made).	Sqm	8828.14	Rupees Eight Thousand Eight Hundred Twenty Eight and Fourteen Paise Only
14	0.54	Providing & fixing of louvered ventilator made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm.(The cost is inclusive of all fixtures and separate charges for minor T&P's shall not be made)).	Sqm	7497.49	Rupees Seven Thousand Four Hundred Ninety Seven and Forty Nine Paise Only
15	44.82	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90L/10 m² over an under coat of primer applied @ 0.80 L/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.	Sqm	182.23	Rupees One Hundred Eighty Two and Twenty Three Paise Only
16	2.00	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required W.C. pan with ISI marked white solid plastic seat and lid	Each	7835.73	Rupees Seven Thousand Eight Hundred Thirty Five and Seventy Three Paise Only
17	2.00	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15 mm C.P. brass pillar taps	Each	4040.44	Rupees Four Thousand Forty and Forty Four Paise Only
18	4.00	Providing and fixing brass bib cock of approved quality :: 20 mm nominal bore	Each	399.85	Rupees Three Hundred Ninety Nine and Eighty Five Paise Only
19	4.00	Providing and fixing ball valve (brass) of approved quality, High or low pressure, with plastic floats complete : 20 mm nominal bore	Each	411.65	Rupees Four Hundred Eleven and Sixty Five Paise Only

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				In Figures	In Words
20	1.00	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	Each	1599.40	Rupees One Thousand Five Hundred Ninety Nine and Forty Paise Only
21	35.00	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge.Internal work - Exposed on wall 20 mm nominal dia Pipes	Mtr	317.26	Rupees Three Hundred Seventeen and Twenty Six Paise Only
22	4.00	Supplying and wiring adopting loop system in existing PVC Conduit /casing capping using 2x1.5Sqmm (Phase & Neutral) & 1x1.0 sqmm (Earth wire) FRLS multi strand PVC insulated copper wire (confirming to IS-694: and latest amendments) with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet/ gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. Short point upto 3Mtr from tapping point to out let via switch	Each	336.30	Rupees Three Hundred Thirty Six and Thirty Paise Only
23	10.00	Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch box	Each	464.92	Rupees Four Hundred Sixty Four and Ninety Two Paise Only
24	200.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:2010. 1.5 sqmm.	Mtr	30.68	Rupees Thirty and Sixty Eight Paise Only
25	100.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:2010.2.5 sqmm.	Mtr	49.56	Rupees Forty Nine and Fifty Six Paise Only
26	20.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:2010 4 mm2	Mtr	74.34	Rupees Seventy Four and Thirty Four Paise Only
27	10.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall 1-Way.	Each	162.84	Rupees One Hundred Sixty Two and Eighty Four Paise Only
28	5.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall. 8 Way	Nos	307.98	Rupees Three Hundred Seven and Ninety Eight Paise Only
29	10.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.1 to 2 Module	Nos	161.66	Rupees One Hundred Sixty One and Sixty Six Paise Only
30	10.00	Supplying and fixing superior quality modular switch mounting olycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.8 Module	Each	335.12	Rupees Three Hundred Thirty Five and Twelve Paise Only
31	32.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.6A One Way Switch	Each	120.36	Rupees One Hundred Twenty and Thirty Six Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
32	8.00	Supplying capacitor type ceiling fan complete with down rod blades,shackle, canopies etc, for operation on 230 V, 50 cycles. Single phase AC supply conforming to ISS-374- 1979 and with double ball bearing system.48" Sweep (1200 mm) Regular model	Each	3521.12	Rupees Three Thousand Five Hundred Twenty One and Twelve Paise Only
33	10.00	Stepped Fan Regulator Two Module.	Each	421.26	Rupees Four Hundred Twenty One and Twenty Six Paise Only
34	3.00	16A One Way Switch.	Each	212.40	Rupees Two Hundred Twelve and Forty Paise Only
35	10.00	Supplying of .....feet -PVC Batten with integrated LED tube .... W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220- 240V@ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition. LED light fitting 1 x 4' - 20/22 W	Each	814.20	Rupees Eight Hundred Fourteen and Twenty Paise Only
36	6.00	Supply of round/square recess/surface mounted rolling type LED Down light with ..... W GU 10 LED Lamp Rib Fabricated from diecast aluminium with white powder coated prewired to mains connector & has swivelling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @50/60Hz & Power factor >0.9 along with CE approved. 2years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 10 12W	Each	1044.30	Rupees One Thousand Forty Four and Thirty Paise Only
37	1.00	Supplying & fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.6-32 A SP	Each	489.70	
38	1.00	Supplying and fixing regular MCB distribution boards on wall/ood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase/3 phase/single door with powder coated painting Made out of 14 SWG MS enclosure. 12 Way SP & N	Each	2198.34	Rupees Two Thousand One Hundred Ninety Eight and Thirty Four Paise Only

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

Note:

1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))